

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (cancelled).
2. (currently amended) A debug device ~~according to claim 1~~, comprising:
a target board having a microcomputer equipped with an on-chip debugging function;
a debugger connected to the microcomputer via a debug interface terminal provided on the target board and that performs debugging using the on-chip debugging function implemented in the microcomputer; and
a break board that is separate from the target board, that monitors signals on an address bus, a data bus and a control bus which are output from the target board, and outputs a break signal when a predetermined break condition is satisfied;
wherein the break board is equipped with a storage section to store break conditions, and has a structure in which break conditions are written in the storage section via the target board from the debugger.

3 - 4. (cancelled)

5. (currently amended) A The debugging device of Claim 4 comprising:
a target board;

a microcomputer disposed on said target board, said microcomputer being adapted to perform an on-chip debugging function;

a debug interface terminal disposed on said target board;

a debugger connected to said microcomputer via said debug interface terminal, said debugger being adapted to perform debugging using the on-chip debugging function of said microcomputer; and

a break board connected to said target board, said break board being separate from said target board and adapted to monitor signals output from said target board and to output a break signal when a predetermined break condition is satisfied;

wherein said break board includes a storage section storing said predetermined break condition and said predetermined break condition is written to said storage section via said target board from said debugger.